

**OPINION 2343 (Case 3586)*****Glossina* Wiedemann, 1830 (Insecta, Diptera, GLOSSINIDAE): precedence given over *Nemorhina* Robineau-Desvoidy, 1830**

**Abstract.** The Commission has conserved the generic name *Glossina* Wiedemann, 1830 (Diptera, GLOSSINIDAE), widely used for a well-established and medically important genus of tsetse flies. Under the plenary power precedence is given to *Glossina* Wiedemann, 1830 over its infrequently used senior subjective synonym *Nemorhina* Robineau-Desvoidy, 1830.

**Keywords.** Nomenclature; taxonomy; Diptera; GLOSSINIDAE; *Glossina*; *Nemorhina*; *Glossina longipalpis*; *Nemorhina palpalis*; tsetse; Afrotropical.

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**Ruling**

- (1) Under the plenary power precedence is given to the name *Glossina* Wiedemann, 1830 [1 September] over *Nemorhina* Robineau-Desvoidy, 1830 [26 June], whenever the two are considered to be synonymous or to be congeneric.
- (2) The following names have been placed on the Official List of Generic Names in Zoology:
  - (a) *Glossina* Wiedemann, 1830 [1 September] (gender: feminine), type species by monotypy *Glossina longipalpis* Wiedemann, 1830, with the endorsement that it is to be given precedence over *Nemorhina* Robineau-Desvoidy, 1830 [26 June], whenever the two are considered to be synonymous or to be congeneric;
  - (b) *Nemorhina* Robineau-Desvoidy, 1830 [26 June] (gender: feminine), type species by monotypy *Nemorhina palpalis* Robineau-Desvoidy, 1830, with the endorsement that it is not to be given priority over *Glossina* Wiedemann, 1830 [1 September], whenever the two are considered to be synonymous or to be congeneric.
- (3) The following names have been placed on the Official List of Specific Names in Zoology:
  - (a) *longipalpis* Wiedemann, 1830, as published in the binomen *Glossina longipalpis* (specific name of the type species of *Glossina* Wiedemann, 1830 [1 September]);
  - (b) *palpalis* Robineau-Desvoidy, 1830, as published in the binomen *Nemorhina palpalis* (specific name of the type species of *Nemorhina* Robineau-Desvoidy, 1830 [26 June]).
- (4) The name GLOSSINIDAE Theobald, 1903 is hereby placed on the Official List of Family-Group Names in Zoology (type genus *Glossina* Wiedemann, 1830).

**History of Case 3586**

An application to conserve the generic name *Glossina* Wiedemann, 1830 (Diptera, GLOSSINIDAE), widely used for a well-established and medically important genus of tsetse flies was received from Neal L. Evenhuis (*J. Linsley Gressitt Center for*



*Research in Entomology, Bishop Museum, Hawaii, U.S.A.*) on 3 April 2012. After correspondence the case was published in BZN 69: 109–112 (June 2012). The title, abstract and keywords of the case were published on the Commission's website. The Case was sent for vote on 1 December 2013. A majority of Commissioners voted FOR the Case (22 For, 3 Against). One Commissioner split his vote. No comments were received on this Case.

### Decision of the Commission

At the close of the voting period on 1 March 2014 the votes were as follows:

Affirmative votes – 21: Alonso-Zarazaga, Ballerio, Bouchet, Brothers, Halliday, Harvey, Kojima, Kottelat, Krell, Kullander, Lamas, Minelli, Pape, Patterson, Rosenberg, Štys, van Tol, Winston, Yanega, Zhang and Zhou.

Negative votes – 3: Bogutskaya, Fautin and Lim.

Grygier split his vote: FOR (1) and (2); AGAINST (3) and (4).

Ng and Pyle were on leave of absence.

Voting FOR, Brothers said that in Proposal (1), the wording should be amplified as follows, 'whenever the two are considered to be synonymous or to be congeneric' or some similar wording which would make it absolutely clear that the reversal of precedence also applies when the names are considered as distinct subgenera. Also voting FOR, Pape said that the Case should have mentioned, that because of the Principle of Coordination, reversal of precedence whenever *Glossina* and *Nemorhina* were considered as synonyms would also cover situations where both names were treated as subgenera and as such would have status as separate taxa.

Voting AGAINST, Fautin said that given that the genus *Glossina* was medically very important, the issue of the rank of *Nemorhina* was relevant. The authors, both being well acquainted with the Code, had not appropriately taken that into account in the wording of their appeal.

SPLITTING his vote, Grygier said that only the generic names were at stake, so under Article 78.4.2 he saw no necessity to put the type species of either genus on the Official List, nor the family name.

### Original references

The following are the original references to the names placed on Official Lists and Indexes by the ruling given in the present Opinion:

*Glossina* Wiedemann, 1830 [1 September], *Aussereuropäische zweiflügelige Insekten. Als Fortsetzung des Meigenschen Werkes. Erster Theil*, Schulz, Hamm, p. 253.

GLOSSINIDAE Theobald, 1903, *Memoirs of the Liverpool School of Tropical Medicine*, 10(Appendix): ii.

*longipalpis*, *Glossina*, Wiedemann, 1830, *Aussereuropäische zweiflügelige Insekten. Als Fortsetzung des Meigenschen Werkes. Erster Theil*, Schulz, Hamm, p. 253.

*Nemorhina*, Robineau-Desvoidy, 1830 [26 June], *Mémoires présentés par divers savants à l'Académie Royale des Sciences de l'Institut de France (Sciences Mathématiques et Physiques)*, (2)2: 289.

*palpalis*, *Nemorhina*, Robineau-Desvoidy, 1830, *Mémoires présentés par divers savants à l'Académie Royale des Sciences de l'Institut de France (Sciences Mathématiques et Physiques)*, (2)2: 289.